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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/523,433	03/07/2005	Bo Moon Jeong	CU-4071 WWP	3509
26530	7590	12/13/2006	EXAMINER KING, BRADLEY T	
LADAS & PARRY LLP 224 SOUTH MICHIGAN AVENUE SUITE 1600 CHICAGO, IL 60604			ART UNIT 3683	PAPER NUMBER

DATE MAILED: 12/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/523,433	JEONG, BO MOON	
	<b>Examiner</b>	<b>Art Unit</b>	
	Bradley T. King	3683	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. ____.                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>5-05</u> .  | 6) <input type="checkbox"/> Other: ____.                          |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 112*

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 1-3 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The claims and disclosure are generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors. For instance, claim 1 recites "a selection switch 9 switching to AUTO mode or SEMI/AUTO mode for a braking mode by having an AUTO mode terminal 9a automatically controlling a main brake and a parking brake and a SEMI/AUTO mode terminal 9b actuating the main brake during traveling or the parking brake upon the status of KEY-OFF." It is not clear how the selection switch operates, nor is it clear what is encompassed by the terminal actuating the main brake. Also note page 5 of the disclosure states, "main brake is operated during traveling, whereas the parking brake is operated by the main brake without operating the parking brake in the status of stopping (that is, at speed of 0 km/hour)." It is not clear how the parking brake is operated without operating the parking brake. Claim 1 requires similar features. It is also not

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clear how the driver selects terminals as required by claim 1. This list is merely exemplary. Art has been applied as best understood.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Wise et al (US# 4446950).

Wise et al discloses all the limitations of the instant claims (as best understood) including; a selection switch 84 switching to AUTO (operational) mode or SEMI/AUTO (anti-theft) mode for a braking mode by having an AUTO mode terminal 9a automatically controlling a main brake and a parking brake and a SEMI/AUTO mode terminal 9b actuating the main brake during traveling or the parking brake upon the status of KEY-OFF; a solenoid check valve 22/41 installed between an oil outlet of the brake master cylinder 15 and the oil pipe 17, having a plus electrode thereof connected to a plus electrode of a battery by being connected to a relay proximity switch, and actuated by an ON/OFF type control of relay 4; a relay 200 controlled by a stop sensing sensor by way of ON/OFF according to whether or not a proximity switch 69 installed in a accelerate pedal and a proximity switch installed in a brake pedal 12 contact and a detect signal from a speed sensor 50 sensing the speed of the automobile; and a stop

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sensing sensor circuit connected in series to a proximity switch installed in a brake pedal by connecting in series an AUTO mode terminal of the selection switch connected to an output terminal of KEY switch with the proximity switch connected to a power source of the relay and connecting in parallel SEMI/AUTO mode terminal with the stop sensing sensor output terminal; according to a driver's selection of AUTO mode terminal or SEMI/AUTO mode terminal from the selection switch, the relay controlled by the stop sensing sensor, the proximity switch and the proximity switch controlling the solenoid check valve 22/41 installed between the oil pipe 15 and the oil inlet of the brake master cylinder 15 by way of free flow or control flow; whereby, upon stepping on a brake pedal, the main brake being operated during traveling, whereas the parking brake being operated by the main brake without operating the parking brake-in the status of stopping.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ono, Warner, and Deitchman et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bradley T. King whose telephone number is (571) 272-7117. The examiner can normally be reached on 11:00-7:30 M-F.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James McClellan can be reached on (571) 272-6786. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BTK

  
BRADLEY KING  
PATENT EXAMINER 12/11/06